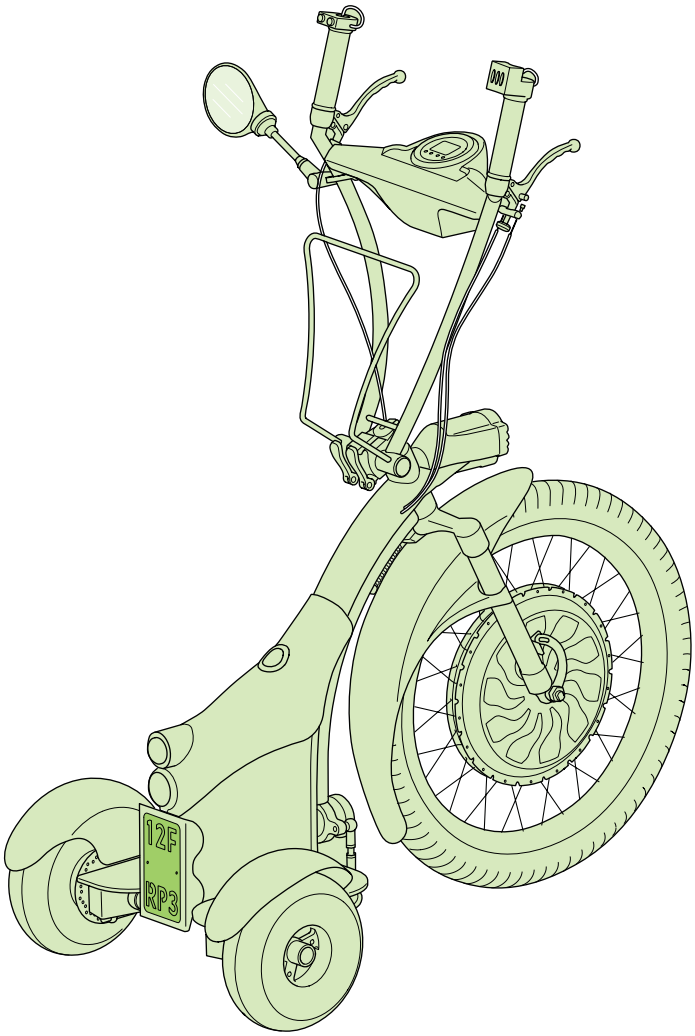
Usermanual QU3



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1 About this manual

The manual shows the information necessary to:
- install
- operate
- perform basic maintenance
- correct small problems

The Qugo and all its versions are referred to in the manual as the 'vehicle'. This manual describes both types A (25 km/h) and type B (33 km/h) of the vehicle.

This manual contains the original instructions. The original language of the manual is English.

1.1 How to work with the manual

1. Familiarize yourself with the structure and content.
2. Read the safety chapter in detail and make sure you understand all the instructions. See *§ 2*.
3. Carry out the actions completely and in the given sequence.

1.2 Warranty

Nog aan te leveren text

2 Safety

WARNING
Read the manual before you install or use the vehicle. Failure to do so can result in personal injury, death or property damage.

2.1 Intended use

The vehicle is designed to transport a single person. Any other use of the vehicle is strictly forbidden.

2.2 Not intended use

Do not use the vehicle for mountain riding, speed riding, downhill riding and stunt riding.

2.3 Liability

Urban Mobility Europe is not liable is you do not follow the rules below:
- Do not use a damaged vehicle. When you have doubts, contact your supplier or the service department of Urban Mobility Europe See www.Qugo.nl.
- Install and connect the vehicle according to the instructions in this manual.
- Observe all local safety regulations.
- Obey the local regulations concerning traffic laws and personal protection equipment..
- Connect the vehicle to an earthed wall socket.
- Keep the vehicle in good condition. Make sure that defective parts are immediately replaced.
- Replace parts only with original Urban Mobility Europe spare parts.

All maintenance beyond the scope of this manual must be carried out by a local Qugo dealer that Urban Mobility Europe has trained and certified.

2.4 Safety precautions

2.4.1 General

- Practice in a safe area before you use the vehicle in traffic.
- Make sure that you know the structure and the contents of the manual.
- Do the procedures of the manual fully and in the given sequence.
- Keep body parts away from the spinning wheels.
- Guarantee will void when the procedures in the manual are not done fully.

2.4.2 Clothing

- Wear a helmet when you use the vehicle.
- Keep clothing away from the spinning wheels.
- Wear proper shoes when you use the vehicle.

- Wear visible clothing when you use the vehicle
- Do not wear loose clothes that can come into moving parts.

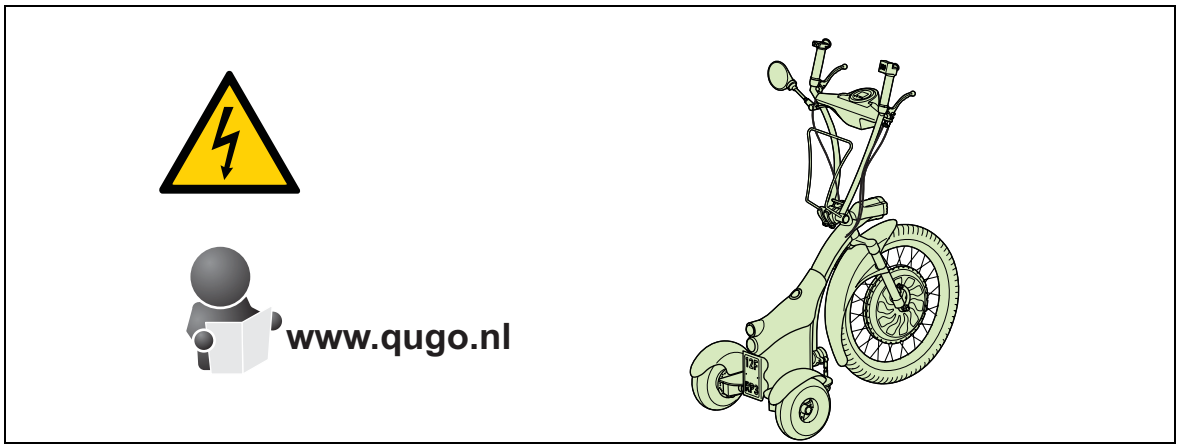
2.4.3 Driving

- Drive carefully when the road is wet.
- Drive carefully when the road is covered with loose dirt or gravel.
- Do the procedures of the manual fully and in the given sequence.

2.5 CE certification

The vehicle is CE certified and approved according to european regulations (RWE 2002/24/EC. It means that the vehicle complies with the essential requirements concerning safety. The directives that have been taken into consideration in the design are available on www.Qugo.nl

2.6 Safety symbols on the vehicle



Refer to the manual before use

High Voltage

2.7 Safety symbols in the manual

WARNING
Can cause personal injury.

CAUTION
Can cause damage to the vehicle.

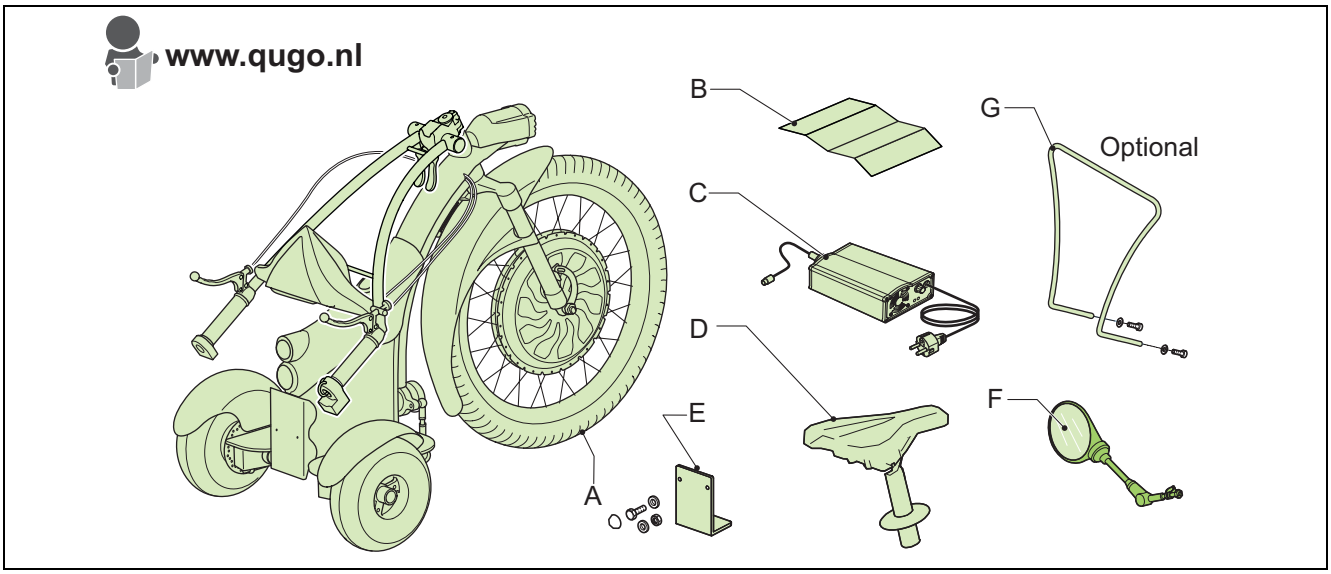
Note
Shows further information.

2.8 Disposal of the vehicle

1. Sort the vehicle, the accessories and the packaging for environmentally friendly recycling.
2. Do not dispose of the vehicle into domestic waste. Dispose of the vehicle according to local regulations.

3 Installation

3.1 Content



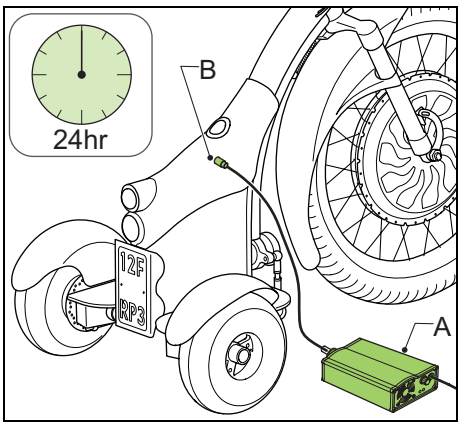
A: Qugo
B: Quick reference guide
C: Battery charger
D: Saddle
E: Number plate holder
F: Mirror (Left or right)
G: Luggage holder

3.2 Make the vehicle ready for use

3.2.1 Charge the battery for the first time

1. Connect the battery charger (A) to charging point (B). See § 3.3.2.
2. Charge the battery for 24 hours.

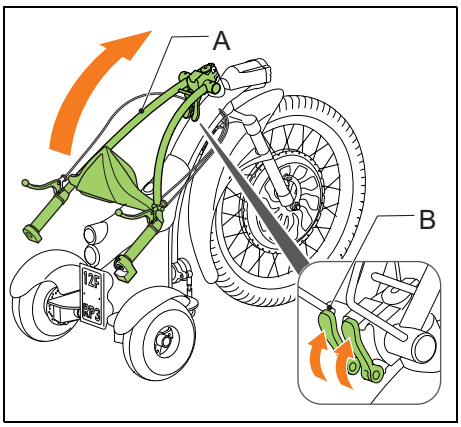
CAUTION
Avoid contact with water when you charge the vehicle.



3.2.2 Installation of the handle bar

1. Lift up the handle bar (A).
2. Tighten the levers (B) of the handle bar.

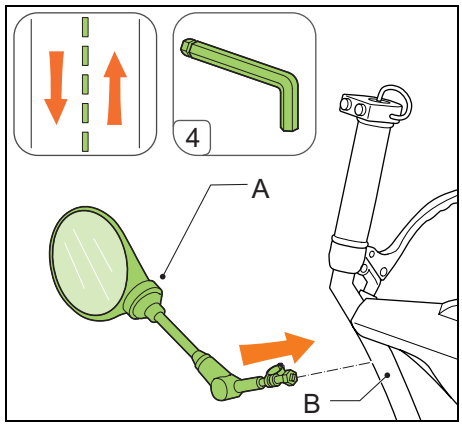
WARNING
Make sure the levers are fixed tight on to the vehicle.



3.2.3 Installation of the mirror

1. Place the mirror (A) with a clamp ring on the left hand side of the handle bar (B) and fix it with a bolt.

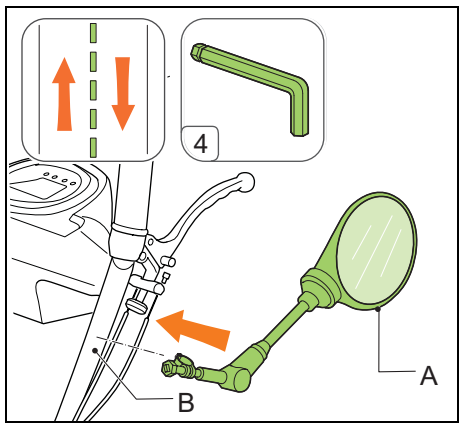
Note
For countries driving at the right hand side of the road



3.2.4 Installation of the mirror

1. Place the mirror (A) with a clamp ring on the right hand side of the handle bar (B) and fix it with a bolt.

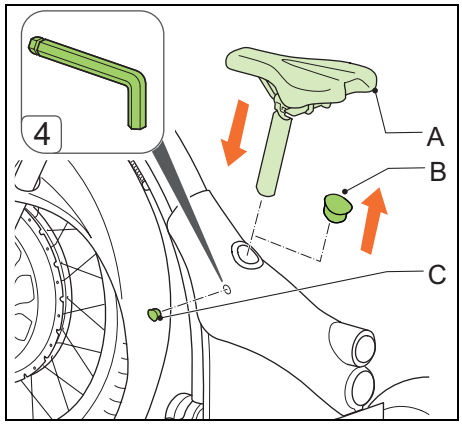
Note
For countries driving at the left hand side of the road



3.2.5 Place the saddle

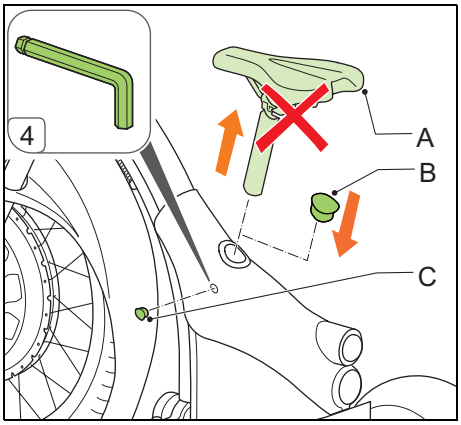
1. Remove cap (B).
2. Place the saddle (A).
3. Remove cap (C).
4. Tighten the saddle adjustment with an allen key.
5. Place back cap (C).

WARNING
Make sure the saddle if fixed firmly on to the vehicle.



3.2.6 Remove the saddle

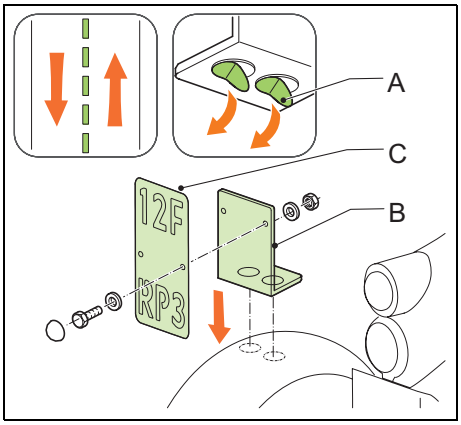
1. Remove cap (C).
2. Loosen the saddle adjustment with an allen key.
3. Remove saddle (A).
4. Place the cap (B).
5. Place back cap (C).



3.2.7 Place the number plate on the vehicle

1. Clean the spot where you want to fo place the nuber plate holder with alcohol.
2. Remove the protection foil (A) from the the double sided tape.
3. Fix the number plate holder (B) onto the left hand side fender.
4. Fix the number plate (C) with the screws onto the number plate holder.

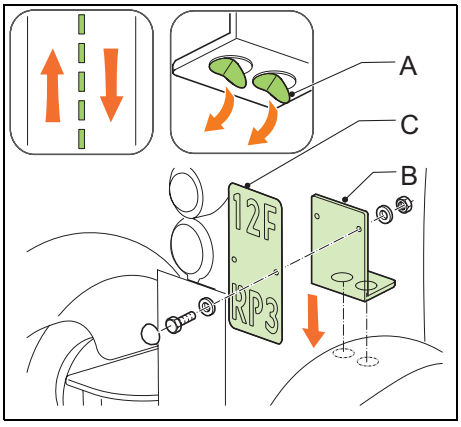
Note
For countries driving at the right hand side of the road



3.2.8 Place the number plate on the vehicle

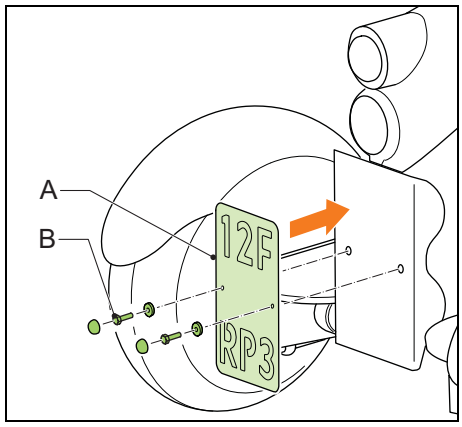
1. Clean the spot where you want to fo place the nuber plate holder with alcohol.
2. Remove the protection foil (A) from the the double sided tape.
3. Fix the number plate holder (B) onto the left hand side fender.
4. Fix the number plate (C) with the screws onto the number plate holder.

Note
For countries driving at the left hand side of the road



3.2.9 Place the number plate on the vehicle

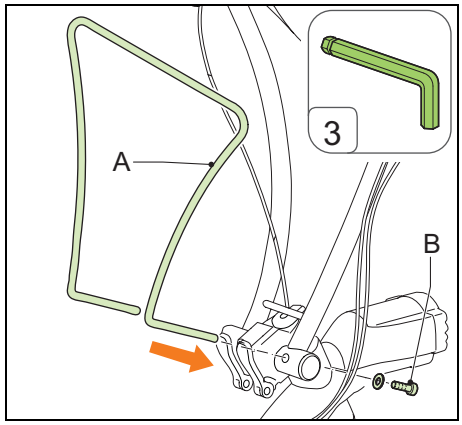
1. PLace the number plate (A) at the back of the vehicle with screws (B).



3.2.10 Place the luggage holder(option)

1. Fix the luggage holder (A) onto the handle bar with screw (B).

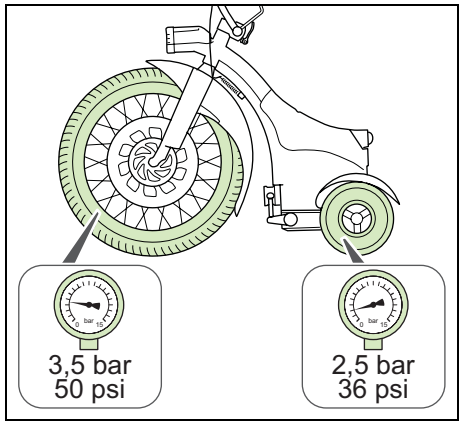
WARNING
maximum load weight is 5 Kg.



3.2.11 Tyre pressure

1. Make sure the tyre pressure ot the tyres is correct.

CAUTION
Check the tyre pressure of the rear tyre on a regular basis.



CAUTION
Do not exceed the tyre pressure given in the drawing.

3.2.12 Dispose of the packaging material

1. Dispose of the packaging material in an environmentally friendly way, according to local regulations.

3.3 Charge the battery

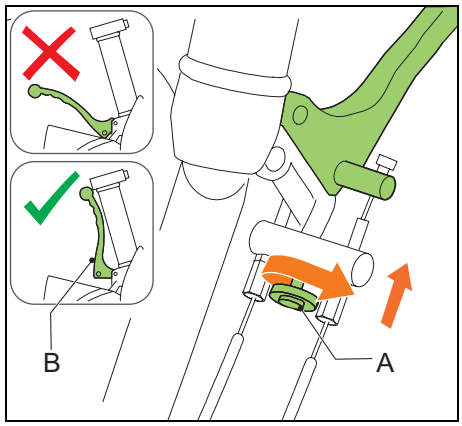
3.3.1 Safety

- Keep your battery charged.
- Do not drop the battery.
- Do not short circuit the battery.
- Charge the battery in a dry and open well ventilated aera.
- Charge the battery at least once a month.
- Only adults must charge the battery
- Do not expose the battery to heat or direct sunlight.

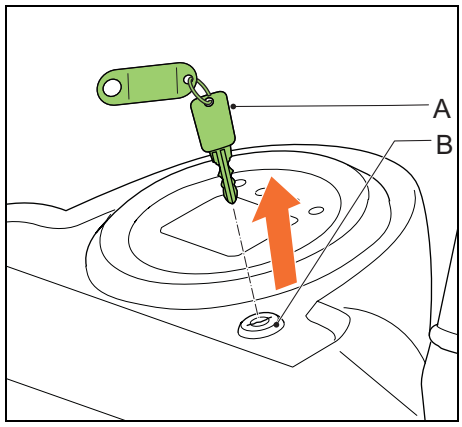
3.3.2 To charge the battery

To charge

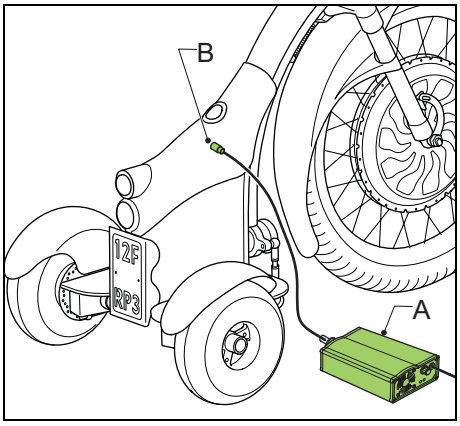
1. Turn the parking brake (A) up.
2. Make sure the brake (B) is in.



3. Remove key (A) from contact (B).

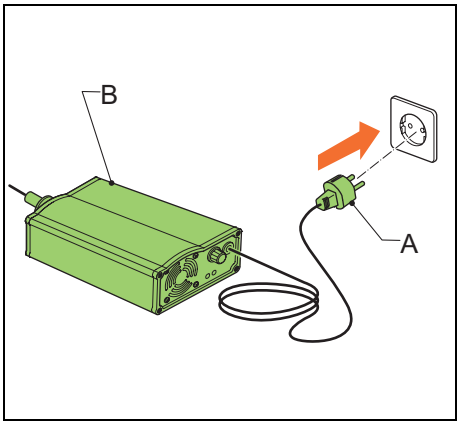


4. Connect the battery charger (A) to the charging point (B) of the vehicle.



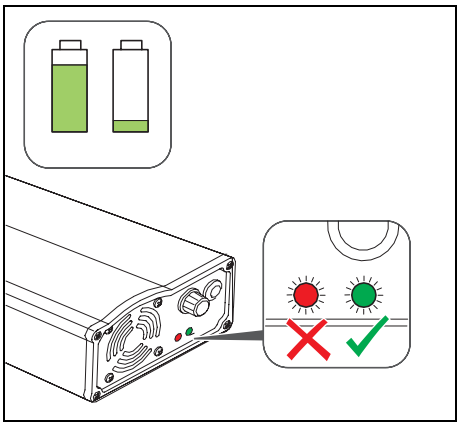
Note
First connect the battery charger to the vehicle.

5. Connect the battery charger (B) to the wall socket (A).

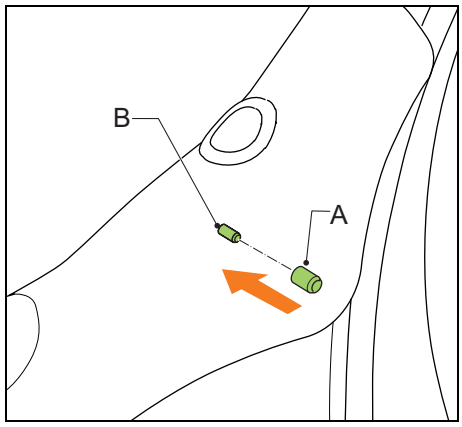


Note
Make sure your battery is always charged.

6. Stop charge the battery if the indicator indicates the battery is full.



7. Disconnect the battery charger from the vehicle
8. Disconnect the battery charger from the wall socket
9. Place back the plug (A) in to the charge point (B) of the vehicle.

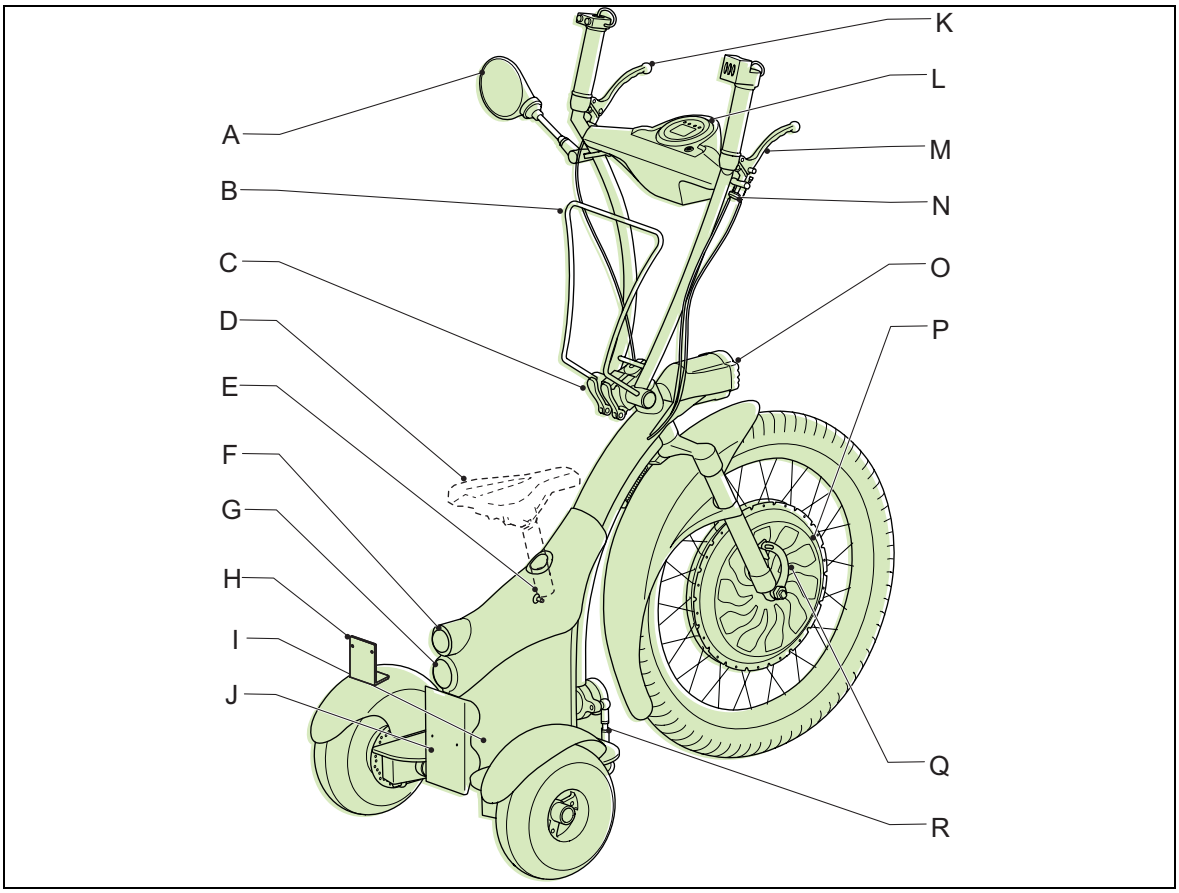


CAUTION
The caps prevent corrosion on the charge point.

4 Operator manual

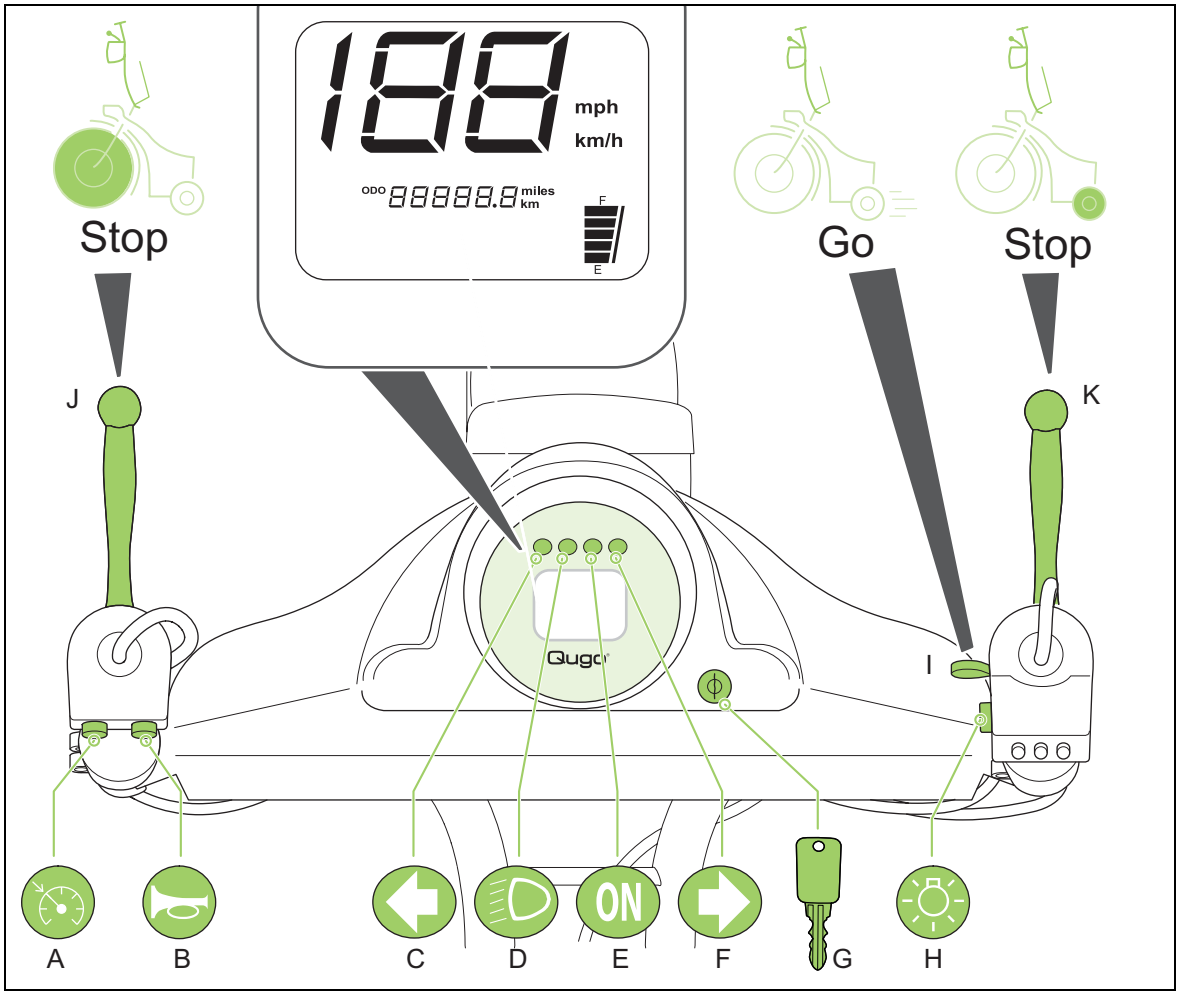
4.1 Description

4.1.1 Overview of the vehicle



A: Mirror (Left or right)
B: Luggage holder (Option)
C: Handle bar levers
D: Saddle
E: Chargepoint
F: Rear light
G: Reflector
H: Number plate holder
I: Batteryholder
J: Number plate holder
K: Front brake
L: Dashboard
M: Rear brake
N: Parking brake
O: Headlight
P: Motor
Q: Torque reaction arm
R: Rotation coupling device

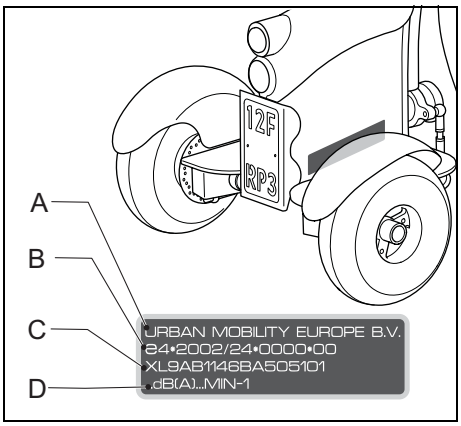
4.1.2 Overview of the dashboard.



A: Cruise control (Switch from Km/h to M/h)
B: Horn
C: Left indicator (not connected)
D: Light indicator
E: ON indicator
F: Right indicator (not connected)
G: Contactswitch
H: Light switch
I: Throttle control
J: Front brake
K: Rear brake

4.1.3 Type plate: details

A Compagny name
B Ce Markking
C VIN (Vehicle Industrial name)
D Sationary sound level



Note
At the bottom of the frame the chassisnumer is found.

4.2 Driving the vehicle

4.2.1 Safety

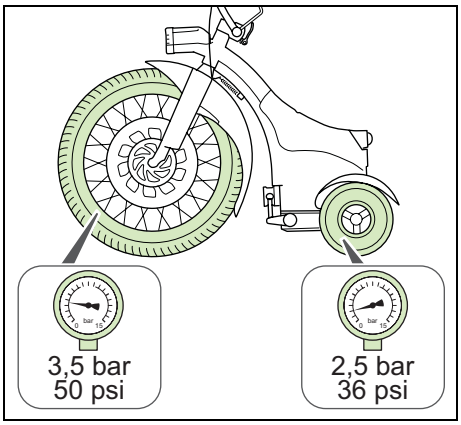
- Obey the local regulations concerning traffic laws and personal protection equipment.
- Do not ride trough heavy rain.
- Do not ride trough deep puddles.
- Do not ride on steep hills
- Do not lift the vehicle at the front end.

4.2.2 Checks before use.

- Make sure that the battery is charged completely
- Make sure the saddle adjusting mechanism is thightened.
- Make sure you do a check on the vehicle on mechanical or electrical parts.

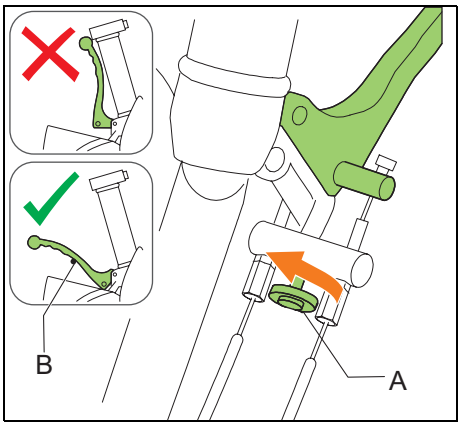
4.3 Step up the vehicle

1. Make sure the tyre pressure is ok



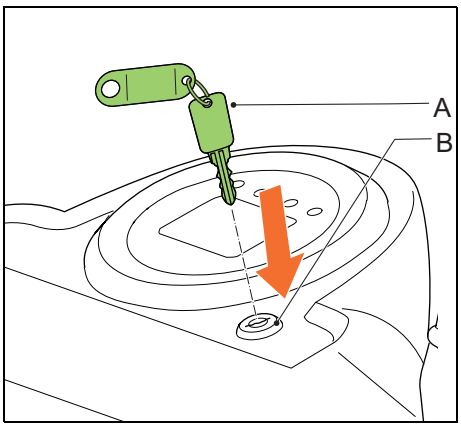
CAUTION
Check the tyre pressure of the rear ttyres on a regular basis.

2. Turn the parking brake (A) down.
3. Make sure the front and rear brake (B) is out.

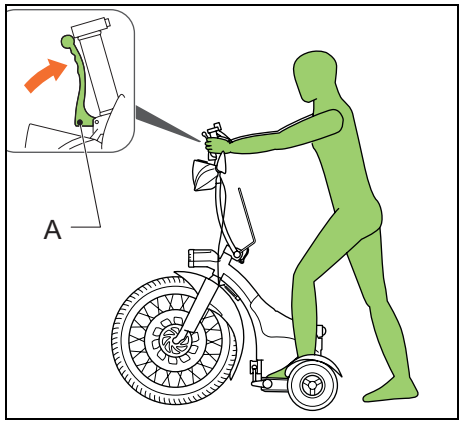


CAUTION
Do not drive with the parking brake. it causes damage to your vehicle.

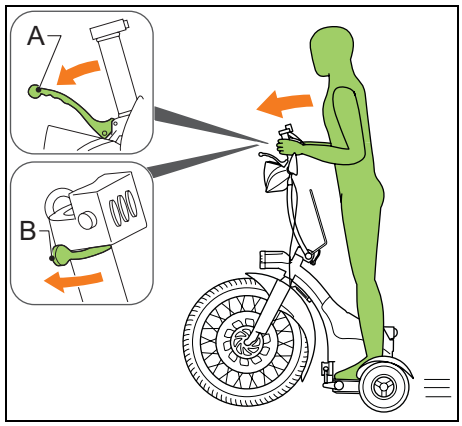
4. Put the key (A) into the contact (B).



5. Pull the handle bar (A) and step up the vehicle.



6. Release the brakes (A)
7. Lean slighly towards the handle bar.
8. Push the lever (B) forward to accelerate.

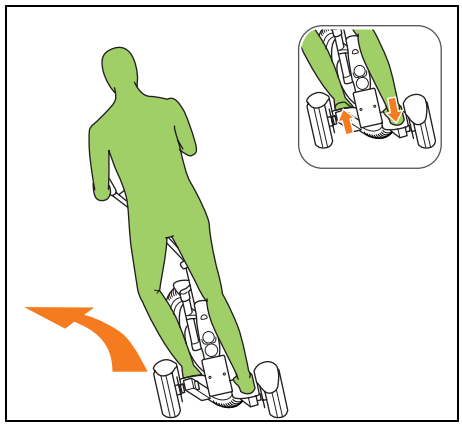


4.4 Cornering

4.4.1 Left corner

1. Push your right heel down to make a left corner.

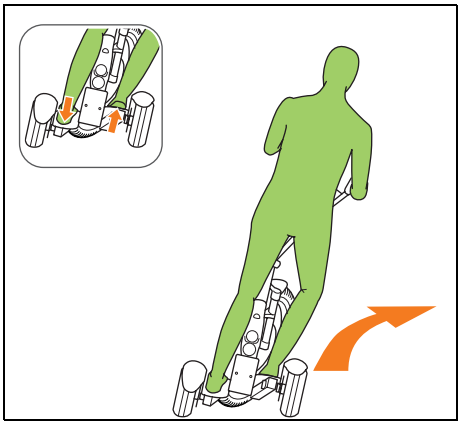
Note
Stretch the right leg ease the inner foot and bend left knee



4.4.2 Right corner

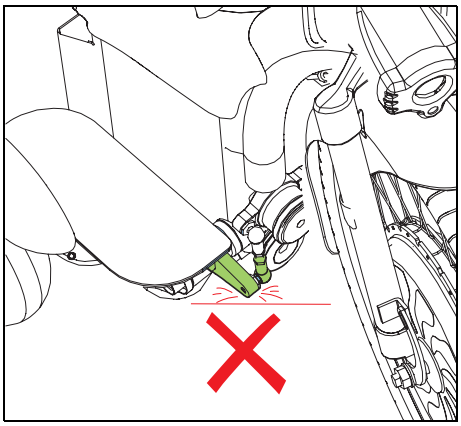
1. Push your left heel down to make a right corner.

Note
Stretch the left leg ease the inner foot and bend right knee



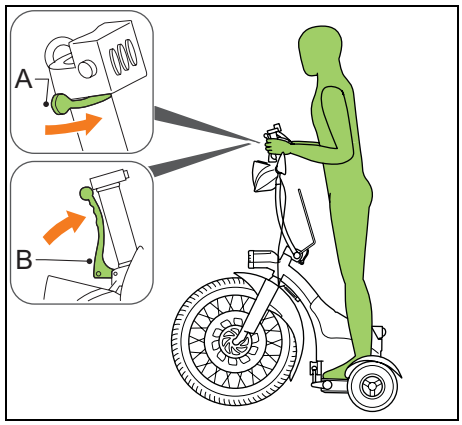
4.4.3 Sharp corners

1. Make sure that the lowest point of the vehicle do not touch the road when you make a sharp corner.



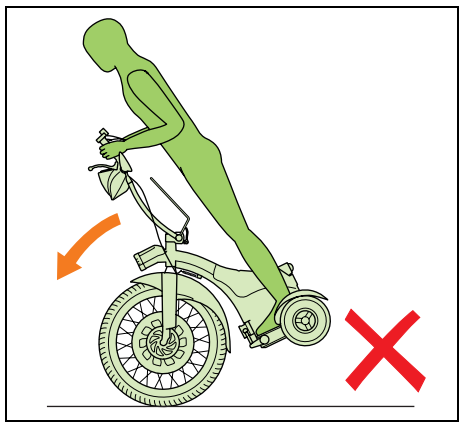
4.5 To brake with the vehicle

1. Release the Throttle control (A).
2. Control the brake(B) with care.



Note
Use both brake for adequate stopping power

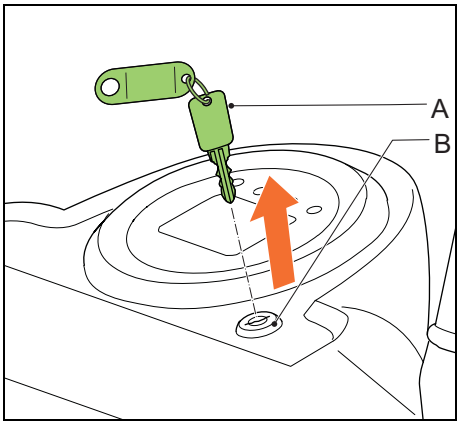
3. Make sure that you control the brakes too firmly to prevent the vehicle to tip over.



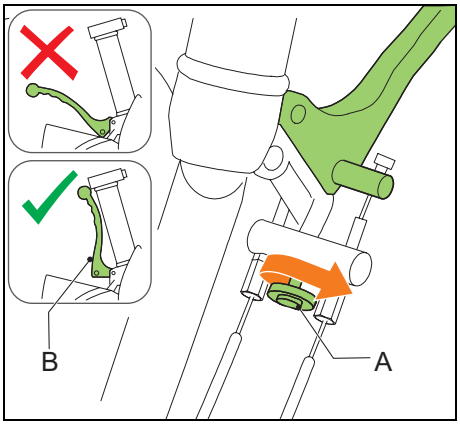
WARNING
Avoid to brake hard and sudden.

4.6 To park the vehicle

1. Remove key (A) from contact (B).

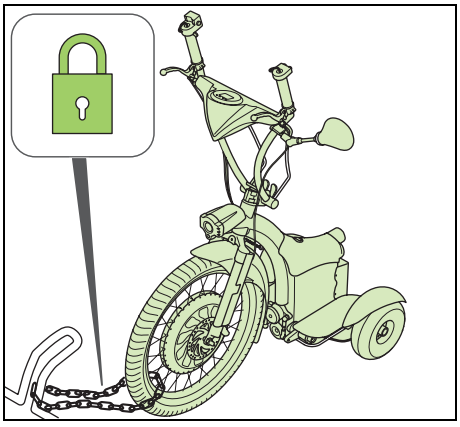


2. Turn the parking brake (A) up.
3. Make sure the brake (B) is in.

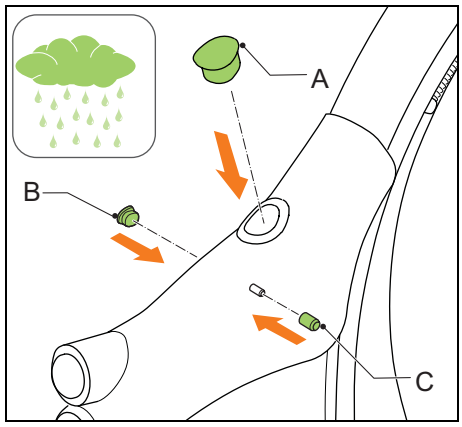


4. Fix the vehicle to a fixed poin with a chainlock.

Note
Place the chain so, that the chainlock can not damage the vehicle.



5. Place Cap (A), (B) and (C).



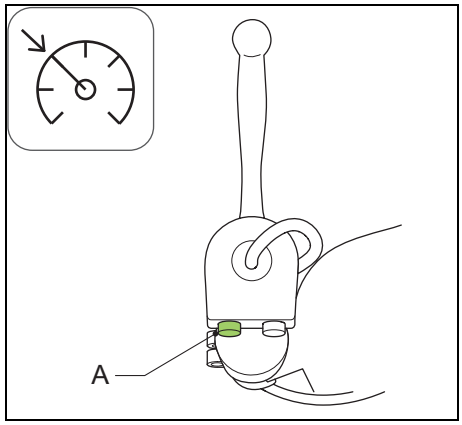
Note
The caps prevent the water enters the frame.

CAUTION
Water causes serious damage to the electrical system of the vehicle.

4.7 Cruise control

4.7.1 To use the cruise control

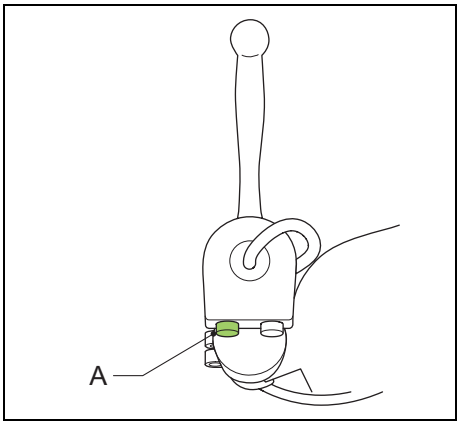
1. Push the cruise control button (A) to activate the cruise control.
2. Push the cruise control button (A) again to de activate the cruise control



Note
The Cruise control is de-activated automatically when you activate the brake.

4.8 Switch from km/h to M/h

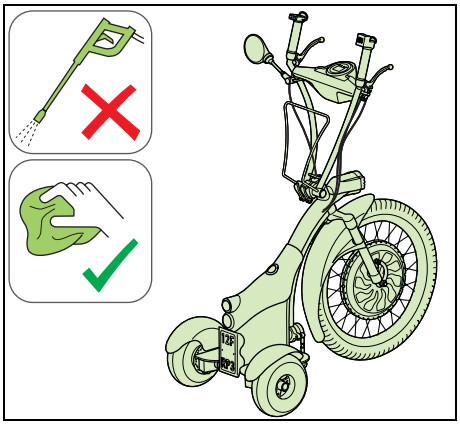
1. Keep the cruise control button for 10 sec to switch from Kilometers to Miles.



5 Maintenance

5.1 Cleaning

1. Clean the vehicle with a sponge and luke warm water.



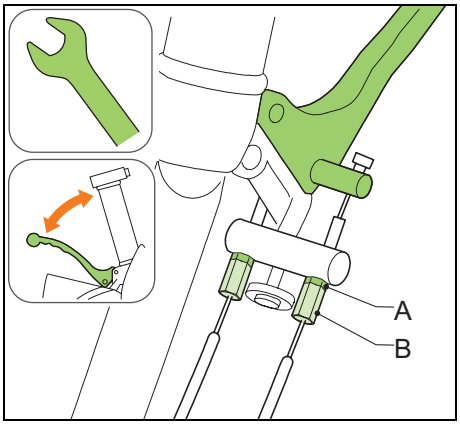
CAUTION
Do not use a high pressure hose .

CAUTION
Avoid that water comes into contact with the electical system trough openings in the frame . Water causes serious damage to the electrical system of the vehicle.

5.2 Maintenance

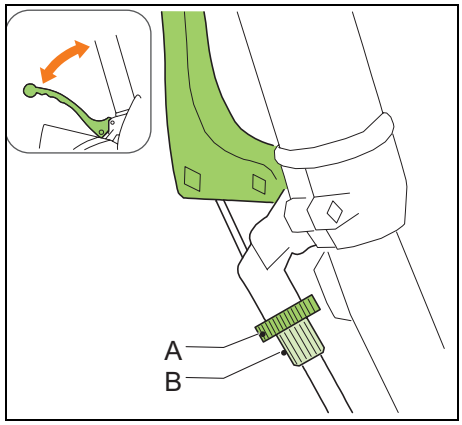
5.2.1 Rearbrake

1. Loosen lock nut (B).
2. Turn knob (A) tighter to adjust te brake.
3. Tighten locknut (B).



5.2.2 Frontbrake

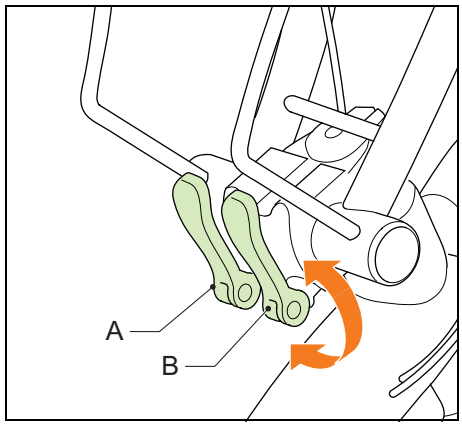
1. Loosen lock nut (B).
2. Turn knob (A) tighter to adjust te brake.
3. Tighten locknut (B).



5.2.3 Adjust the handle bar levers

1. Tip over lever (A) and lever (B).
2. Turn the lever clockwise or anticlockwise to adjust the lever.
3. Move back lever (and lever (B)
4. Start with step 1 if the lever (A) or(B) can not move completely to the handle bar or when the handle bar is not firmly tightened.

Note
Do not screw in the lever (A) or (B) too far in.



6 Troubleshooting

6.1 General troubleshooting procedure

1. Try to solve the problem with the information in this manual. See *§ 6.3*.
2. If it is not possible to solve the problem with the information in this manual, contact service. See *§ 6.2*.

6.2 Contact service

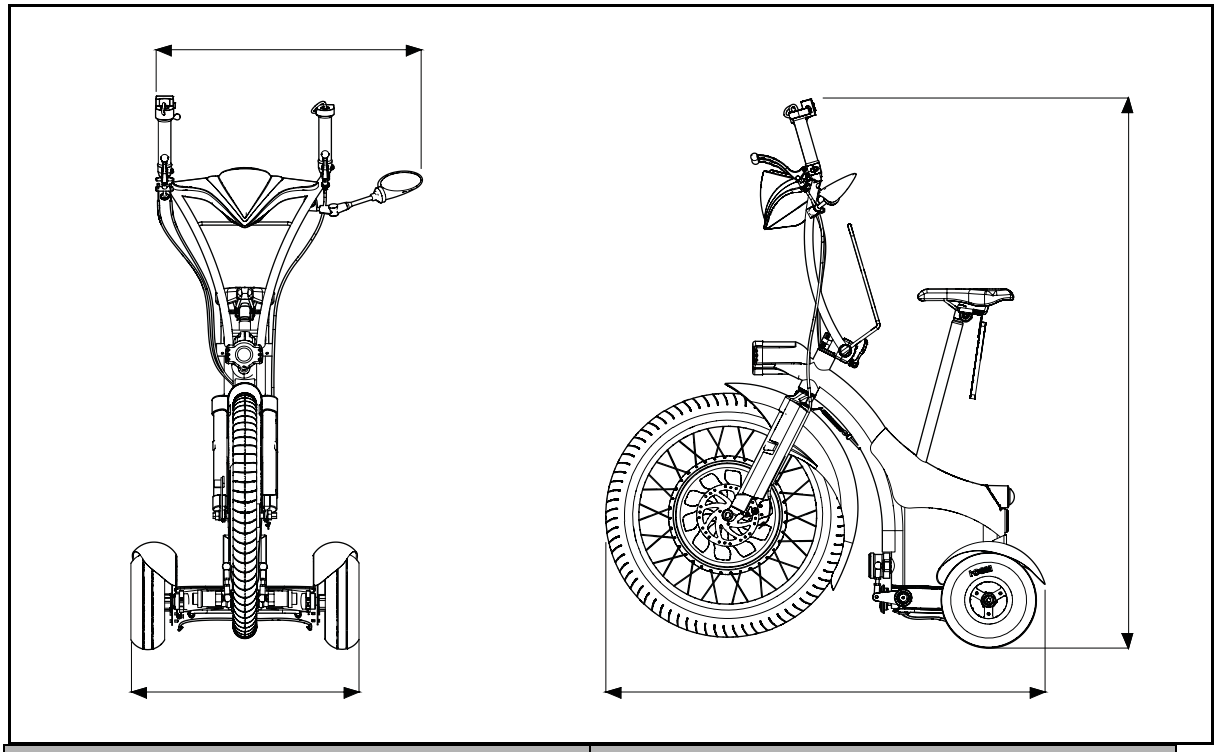
1. Contact your supplier or manufacturer. See www.qugo.nl

6.3 Troubleshooting guide

Problem	Possible cause	Possible solution
Battery level indicator indicates one block	vehicle is used too long	Recharge the battery
	battery is not charged fuly	Contact service. See § 6.2.
	Overload protection	Turn of the power with the contact key.
vehicle does not drive smoothly	Battery level too low	Charge your battery
Rear brake does not function properly	Brake adjustment not correct.	See § 5.2.1
Front brake does not function properly	Brake adjustment not correct	See § 5.2.2
Handle bar too loose	handle bar levers adjustment not correct	See § 5.2.3
Front light is broken		Contact your local dealer
Rear light is broken		Contact your local dealer

7 Technical data

7.1 General specifications



Parameter	Specification
Maximum load weight [kg]	40
Dimensions, height x width x depth [cm]	108x86x75
Packed dimensions, height x width x depth [cm]	126x97x80
Net mass [kg]	171
Packed mass [kg]	200.5
Temperature [°C]	+5 to +40
Altitude above sea level [m], out of operation	-10 to 12000